

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A computer implemented method comprising:
performing context-based processing of a set of information items utilizing a set
of context items to produce context-processed information items, the
context-based processing comprises one of context filtering, and context
prioritizing, ~~and context filtering and context prioritizing~~;
implementing logic rules to perform the context filtering and prioritizing; and
using the logic rules in connection with a plurality relevance and importance
matrices each associated with one of the plurality of information items to
further perform context-based processing.
2. (Currently Amended) The computer implemented method of claim 1, further
comprising:
evaluating a utility function, producing an iteration evaluation based on the utility
function; and
based on the iteration evaluation, doing one of repeating the context-based
processing and not repeating the context-based processing.
3. (Currently Amended) The computer implemented method of claim 1, wherein the
information items are heterogeneous.
4. (Currently Amended) The computer implemented method of claim 1, further
comprising receiving at least one information item in the set of information items
from a user input.

5. (Currently Amended) The computer implemented method of claim 1, wherein the context-based processing further comprises context processing at a first device wherein at least one information item is received from a second device.
6. (Currently Amended) The computer implemented method of claim 1, further comprising[[:]] presenting at least one context-processed information item to a user.
7. (Currently Amended) The computer implemented method of claim 6, wherein when processing comprises context prioritizing, presenting further comprises presenting in prioritized order.
8. (Currently Amended) The method of claim 1, further comprises transferring a context-processed information item from a first device to a second device.
9. (Currently Amended) The computer implemented method of claim 1, wherein transferring further comprises intra-device transferring.
10. (Currently Amended) The computer implemented method of claim 1, wherein, when processing comprises context prioritizing, transferring further comprises transferring in prioritized order.

11. (Currently Amended) The computer implemented method of claim 1, wherein the set of context items comprises at least one of user context, computer context, and communication network context.
12. (Currently Amended) The computer implemented method of claim 11, wherein user context comprises at least one of user identity, activity, activity start time, activity duration, activity location, user task, user location, and a list of devices accessible by a user.
13. (Currently Amended) The computer implemented method of claim 11, wherein computer context comprises at least one of hardware attributes, software attributes, operating system profile attributes, power reserves, power consumption rate, amount of available memory, amount of available storage, user interfaces, costs, usage policies and security and enforcement information.
14. (Currently Amended) The computer implemented method of claim 11, wherein communication network context comprises at least one of network profile attributes, network security, network stability, data transfer rate, connection quality, transfer latency, error rate, network load, signal strength, cost, quality of service, usage policies and network protocols.
15. (Currently Amended) A machine readable medium[[,]] having stored thereon[[,]] a ~~set~~ sets of instructions[[,]] which, when executed by a machine, cause ~~a the~~ machine to ~~perform a method comprising:~~

~~perform performing~~ context-based processing of a set of information items
utilizing a set of context items to produce context-processed information
items, the context-based processing comprises one of context filtering, and
context prioritizing, ~~and context filtering and context prioritizing;~~
implement logic rules to perform the context filtering and prioritizing; and
use the logic rules in connection with a plurality relevance and importance
matrices each associated with one of the plurality of information items to
further perform context-based processing.

16. (Currently Amended) The machine readable medium of claim 15, wherein the
sets of instructions which, when executed by the machine, the method further
cause the machine to comprises:

~~evaluating-evaluate~~ a utility function, producing an iteration evaluation
based on the utility function; and

based on the iteration evaluation, ~~doing-do~~ one of repeating the context-
based processing and not repeating the context-based processing.

17. (Original) The machine readable medium of claim 15, wherein the
information items are heterogeneous.

18. (Currently Amended) The machine readable medium of claim 15, wherein the
sets of instructions which, when executed by the machine, the method further
cause the machine to receive comprises receiving at least one information item in
the set of information items from a user input.

19. (Original) The machine readable medium of claim 15, wherein the context-based processing further comprises context processing at a first device wherein at least one information item is received from a second device.
20. (Currently Amended) The machine readable medium of claim 15, wherein the sets of instructions which, when executed by the machine, the method further cause the machine to present ~~comprises: presenting~~ at least one context-processed information item to a user.
21. (Currently Amended) The machine readable medium of claim 20, wherein when processing comprises context prioritizing, ~~the method further comprises presenting~~ further comprises presenting in prioritized order.
22. (Currently Amended) The machine readable medium of claim 15, the sets of instructions which, when executed by the machine, further cause the machine to transfer ~~comprising transferring~~ from a first device to a second device.
23. (Currently Amended) The machine readable medium of claim 15, wherein transferring further comprises intra-device transferring.
24. (Currently Amended) The machine readable medium of claim 15, wherein ~~[[,]]~~ when processing comprises context prioritizing, transferring further comprises transferring in prioritized order.

25. (Currently Amended) The machine readable medium of claim 15, wherein the set of context items comprises at least one of user context, computer context, and communication network context.
26. (Currently Amended) The machine readable medium of claim 15, wherein user context comprises at least one of user identity, activity, activity start time, activity duration, activity location, user task, user location, and a list of devices accessible by a user.
27. (Currently Amended) The machine readable medium of claim 25, wherein computer context comprises at least one of hardware attributes, software attributes, operating system profile attributes, power reserves, power consumption rate, amount of available memory, amount of available storage, user interfaces, costs, usage policies and security and enforcement information.
28. (Currently Amended) The machine readable medium of claim 25, wherein communication network context comprises at least one of network profile attributes, network security, network stability, data transfer rate, connection quality, transfer latency, error rate, network load, signal strength, cost, quality of service, usage policies and network protocols.
29. (Currently Amended) A system comprising:
a server;

a client coupled to the server, the client a unit to

perform context-based process-processing of a set of information items

utilizing a set of context items to produce context-processed
information items, the context-based processing comprises one of
context filtering, and context prioritizing, ~~and context filtering and~~
~~context prioritizing~~

implement logic rules to perform the context filtering and prioritizing, and

use the logic rules in connection with a plurality relevance and importance

matrices each associated with one of the plurality of information

items to further perform context-based processing.

30. (Original) The system of claim 29, the unit further evaluates a utility function and produces an iteration evaluation based on the utility function, and based on the iteration evaluation, does one of repeating the context-based processing and not repeating the context-based processing.
31. (Original) The system of claim 29, wherein the information items are heterogeneous.
32. (Original) The system of claim 29, further including a second unit to receive at least one information item in the set of information items from a user input.
33. (Original) The system of claim 29, wherein the second unit receives at least one information item from a second device.

34. (Currently Amended) The system of claim 29, further including a third unit to present at least one context-processed information item to a user.
35. (Original) The system of claim 34, wherein when processing comprises context prioritizing, presenting further comprises presenting in prioritized order.
36. (Currently Amended) The system of claim 29, further including a fourth unit to transfer a context-processed information item to a second device.
37. (Currently Amended) The system of claim 29, further including a fourth unit to transfer a context-processed information item within the system.
38. (Currently Amended) The system of claim 29, wherein the set of context items comprises at least one of user context, computer context, and communication network context.
39. (Currently Amended) The system of claim 38, wherein user context comprises at least one of user identity, activity, activity start time, activity duration, activity location, user task, user location, and a list of devices accessible by a user.
40. (Currently Amended) The system of claim 38, wherein computer context comprises at least one of hardware attributes, software attributes, operating system profile attributes, power reserves, power consumption rate, amount of

available memory, amount of available storage, user interfaces, costs, usage policies and security and enforcement information.

41. (Currently Amended) The system of claim 38, wherein communication network context comprises at least one of network profile attributes, network security, network stability, data transfer rate, connection quality, transfer latency, error rate, network load, signal strength, cost, quality of service, usage policies and network protocols.